

sively low voices being transmitted to the partner.

Brief Summary Text - BSTX (30):

The telephone apparatus may further include a detection device that detects a level of a sound inputted to the microphone, and a speaker volume increasing device that increases a volume of the speaker if the detection device detects a decrease in the level of a sound inputted to the microphone while the input sensitivity of the microphone is increased by the microphone sensitivity increasing device. Therefore, if the level of a sound or voice inputted to the microphone decreases while the microphone input sensitivity is increased, the speaker volume is increased. That is, if the user talks to the telephone apparatus after putting it apart from the user's face in order to look at the telephone number of the caller apparatus displayed on the display panel, the level of the voice inputted to the microphone naturally decreases. In response to such an input voice level decrease, the speaker volume increasing device increases the speaker volume. Therefore, the telephone apparatus advantageously allows the user to continue the conversation with the present communication partner in a good condition while holding the telephone apparatus apart from the user's face. Since the speaker volume is increased by the speaker volume increasing device in response to a decrease in the level of a sound or voice inputted to the microphone, a normal speaker volume is maintained if the user continues the telephone conversation without moving the telephone apparatus apart from the user's face. Therefore, the telephone apparatus avoids an undesired event that the speaker volume suddenly increases, and disturbs or upsets the user.

C5-18- C6-18

Detailed Description Text - DETX (4):

The handset C has a microphone portion C1 and a

ddenly increases,
and disturbs or upsets the user.

Brief Summary Text - BSTX (32):

In the telephone apparatus, the speaker volume returning device may return the volume of the speaker to the previous volume if the detection device detects an increase in the level of a sound inputted to the microphone. If the user moves the telephone apparatus back to the previous position adjacent to the users face from a remote position, the level of a voice or sound inputted to the microphone increases. The input level increase is detected by the detection device so that the speaker volume returning device returns the speaker volume from the increased level to the previous level. That is, the increased speaker volume is returned to the previous level if the level of a voice or sound inputted to the microphone increases.

Brief Summary Text - BSTX (33):

For example, if the user moves the telephone apparatus from a position apart from the user's face back to the previous position adjacent to the user's face, and then talks, the level of the voice inputted to the microphone increases. In response to such a voice input level increase, the speaker volume is returned from the increased level to the previous level. Since the telephone apparatus returns the speaker volume from the increased level to the previous level when the user puts the telephone apparatus back to the previous position adjacent to the user's face, the telephone apparatus allows the user to continue the telephone conversation with a suitable speaker volume.

Detailed Description Text - DETX (4):

The handset C has a microphone portion C1 and a

level in such a situation, a loud sound would be produced adjacent to a user's ear, thereby surprising or disturbing the user.

Detailed Description Text - DETX (51):

Thus, when the user moves the telephone apparatus 101 away from the user's face, that is, when the microphone 106 becomes far from the user's mouth, the input level of the microphone 106 is decreased (YES in step S108), so that the volume of the speaker 103 is increased in step S109. After that, if the telephone apparatus 101 is put back to the user's face before the timer times out (NO in step S107), the level of input of users voices into the microphone 106 returns to a normal level (NO in step S108). At the time of the input level returning to the normal level, the CPU 111 returns the volume of the speaker 103 to the normal level in step S109. Thus, if the telephone apparatus 101 is put back to the previous position adjacent to the user's face after it has been moved apart therefrom, the volume of the speaker 103 is returned to the normal level, thereby avoiding an undesired event that an excessively loud sound is produced which may upset the user.

Detailed Description Text - DETX (55):

As understood from the foregoing description, upon receiving a call during a telephone conversation, the telephone apparatus 101